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Docket No. N01300US
NIS.044

AMENDMENTS TO THE CLAIMS:

1. (Previously presented) A liquid crystal display device comprising:
 - a color filter substrate;
 - a thin film transistor substrate;
 - a plurality of liquid crystals between said color filter substrate and said thin film transistor substrate to form a matrix including a plurality of unit pixels arranged in a plurality of rows and a plurality of columns, the unit pixels of each column being of the same color, and with adjacent columns of unit pixels having unit pixels of different colors; and
 - a plurality of columnar spacers interposed between said color filter substrate and said thin film transistor substrate, wherein:
 - said columnar spacers are provided in a plurality of pairs, each pair of columnar spacers being in a pair of two unit pixels adjacent to each other in a row or a column of the matrix,
 - each pair of columnar spacers is spaced from all other pairs of columnar spacers by at least two pixels of a row or a column, and
 - the two unit pixels of each pair bear signal charges that are opposite in polarity.
2. (Previously presented) The liquid crystal display device according to Claim 1, further comprising a driver for driving liquid crystals in said liquid crystal display device by a gate

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line reverse driving method.

3. (Previously presented) The liquid crystal display device according to Claim 1, wherein said columnar spacers are disposed on a gate electrode of a thin film transistor formed on said thin film transistor substrate.
4. (Previously presented) The liquid crystal display device according to Claim 1, further comprising a pixel electrode and a common electrode formed on said thin film transistor substrate in a manner such that said pixel electrode and said common electrode are insulated from each other.
5. (Previously presented) A liquid crystal display device comprising:
 - a color filter substrate having a colored layer formed thereon so that unit pixels are arranged in a matrix;
 - a thin film transistor substrate having thin film transistors formed thereon opposite to said colored layer;
 - a plurality of columnar spacers disposed between said color filter substrate and said thin film transistor substrate to form a cell gap therebetween; and
 - a plurality of liquid crystals hermetically sealed within the cell gap, wherein:
 - a columnar area ratio, being a ratio of a cross sectional area of said columnar spacer to an area of said unit pixel, is within a range of 0.05% to 0.15%,

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said columnar spacers are provided in a plurality of pairs, with each pair of columnar spacers being disposed in a pair of two unit pixels arranged adjacent to each other in a row direction within a row of the matrix or in a column direction within a column of the matrix, and

each pair of columnar spacers is spaced from all other pairs of columnar spacers by at least two pixels of a row or a column.

6. (Previously presented) The liquid crystal display device according to Claim 5, wherein said columnar spacers are arranged in the column direction, and said unit pixels are driven by a dot reverse driving method.

7-24. (Canceled)

25. (Previously presented) The liquid crystal display device according to Claim 1, further comprising a driver for driving liquid crystals in said liquid crystal display device by a dot reverse driving method.

26. (Previously presented) The liquid crystal display device according to Claim 1, wherein the unit pixels of each row are arranged in sets of three unit pixels, with the columns providing a repetitive sequence of unit pixels of a first color, a second color, and a third color.

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27. (Previously presented) The liquid crystal display device according to Claim 26, wherein said pairs of columnar spacers are provided in pairs of unit pixels adjacent to each other in columns of said matrix,

each pair of columnar spacers is spaced from another pair of columnar spacers in its column by two pixels of such column,

in each row only one set of three unit pixels from each adjacent set of three unit pixels has columnar spacers, and

all columnar spacers are in unit pixels of the same color.

28. (Previously presented) The liquid crystal display device according to Claim 27, wherein within each row all unit pixels bear signal charges of the same polarity.

29. (Previously presented) The liquid crystal display device according to Claim 26, wherein said pairs of columnar spacers are provided in pairs of unit pixels adjacent to each other and within the same set of three unit pixels,

each pair of columnar spacers is spaced from another pair of columnar spacers in its row by at least one set of three unit pixels of such row,

within each column containing columnar spacers, each unit pixel containing a columnar spacer is spaced from another pixel containing a columnar spacer by at least one unit pixel, and

unit pixels of one of the three colors have no columnar spacers.

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30. (Previously presented) The liquid crystal display device according to Claim 29, wherein within each column containing columnar spacers, each unit pixel containing a columnar spacer is spaced from another unit pixel containing a columnar spacer by two unit pixels.

31. (Previously presented) The liquid crystal display device according to Claim 5, wherein said columnar spacers are arranged in the row direction, and said unit pixels are driven by a gate line reverse driving method.

32. (Previously presented) The liquid crystal display device according to Claim 5, wherein the unit pixels of each row of the matrix are arranged in sets of three unit pixels, with the columns of the matrix providing a repetitive sequence of unit pixels of a first color, a second color, and a third color.

33. (Previously presented) The liquid crystal display device according to Claim 32, wherein said pairs of columnar spacers are provided in pairs of unit pixels adjacent to each other in columns of said matrix,

each pair of columnar spacers is spaced from another pair of columnar spacers in its column by two pixels of such column,

in each row only one set of three unit pixels from each adjacent set of three unit pixels

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has columnar spacers, and

all columnar spacers are in unit pixels of the same color.

34. (Previously presented) The liquid crystal display device according to Claim 33, wherein within each row all unit pixels bear signal charges of the same polarity.

35. (Previously presented) The liquid crystal display device according to Claim 32, wherein said pairs of columnar spacers are provided in pairs of unit pixels adjacent to each other and within the same set of three unit pixels,

each pair of columnar spacers is spaced from another pair of columnar spacers in its row by at least one set of three unit pixels of such row,

within each column containing columnar spacers, each unit pixel containing a columnar spacer is spaced from another pixel containing a columnar spacer by at least one unit pixel, and

unit pixels of one of the three colors have no columnar spacers.

36. (Previously presented) The liquid crystal display device according to Claim 35, wherein within each column containing columnar spacers, each unit pixel containing a columnar spacer is spaced from another unit pixel containing a columnar spacer by two unit pixels.

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37. (Previously presented) The liquid crystal display device according to Claim 5, wherein said columnar spacers are disposed on a gate electrode of said thin film transistors.

38. (Previously presented) The liquid crystal display device according to Claim 5, further comprising a pixel electrode and a common electrode formed on said thin film transistor substrate in a manner such that said pixel electrode and said common electrode are insulated from each other.

39. (Currently amended) A liquid crystal display device comprising:

- a color filter substrate;
- a thin film transistor substrate;
- a plurality of liquid crystals between said color filter substrate and said thin film transistor substrate to form a matrix including a plurality of unit pixels arranged in a plurality of rows and a plurality of columns; and
- a plurality of columnar spacers interposed between said color filter substrate and said thin film transistor substrate, wherein:
 - said columnar spacers are provided in a plurality of pairs, each pair of columnar spacers being in a pair of two unit pixels adjacent to each other in a row or a column of the matrix, and
 - each pair of columnar spacers is spaced from all other pairs of columnar spacers by at least two pixels, ~~of a row or a column.~~